SCDXC Newsletter

The Southern California DX Club is an informal group of dedicated men and women active in the amateur radio community who enjoy communicating over the air with other radio amateurs around the world.

The SCDXC strongly supports the DX Code of Conduct. Please visit their website:

www.dx-code.org

The SCDXC newsletter is published monthly and released to everyone around the first week of each month. Amateur and DX related letters, news and pictures are welcome and will be published as time and space permit.

Articles will be republished with recognition of the author and the club. Reuse of copyrighted materials require the original author's permission.

Any questions regarding this newsletter or its articles should be addressed to the Editor, Bill, N6RV at:

n6rv@scdxc.org

Gatherings are informal and impromptu. Anyone interested in gathering can initiate one. Notify N6RV and an email will be pushed out to the group. If you would like to join that email list see our website or email N6RV.

Please check the club web site for events and details at:

http://www.scdxc.org

2025 Officers

President
John Schroeder, N6QQ

Newsletter Editor
Bill Kendrick, N6RV

Webmaster
Jim Shryne, N6DHZ

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If you need him get in there and work him"

Patricia Bongeorno, W6VXN, Silent Key

Pat, wife of Rich, W6VX passed away late last month. There will be a celebration of life on July 12th. Information to follow.

From the Editor

Bob, N6TV, has produced another great set of IDXC photos. They are very extensive and well represents the last IDXC held at The Marriott Convention Center:

2025 IDXC N6TV Photos

Thanks Bob for all the work you have done through the years. You are a great DX and ham radio ambassador!

Informal Club Meetings on Zoom

We have continued to hold meetings every second Thursday of the month. They will be Zoom only meetings! The next meeting is this month, June 8th at 7 PM.

SCDXC Club Meeting

SDDXC Meetings

For those who have not joined San Diego DX Club or attended one of their meetings, here is a link to the presentations they have on their website. At the last meeting, Frank, W3LPL, gave an excellent talk on propagation.

SDDXC Presentations

NCDXC Meetings

For those who have not joined SDDXC or attended one of their meetings you can join NCDXC as an associate member for the rest of their club year. When you do that you can access all their past presentations here (*you need to enter your password*):

NCDXC Presentations

2025 Central CA DXers/Contesters BBQ Cancelled!

Due to a medical procedure the BBQ will be cancelled. Kent will be attending to his wife's recovery from knee surgery.

Summer Bash is Back!

WHERE

SAN DIEGUITO PARK
1628 LOMAS SANTA FE DRIVE
DEL MAR, PARKING AVAILABLE
PICNIC AREA #4

WHEN

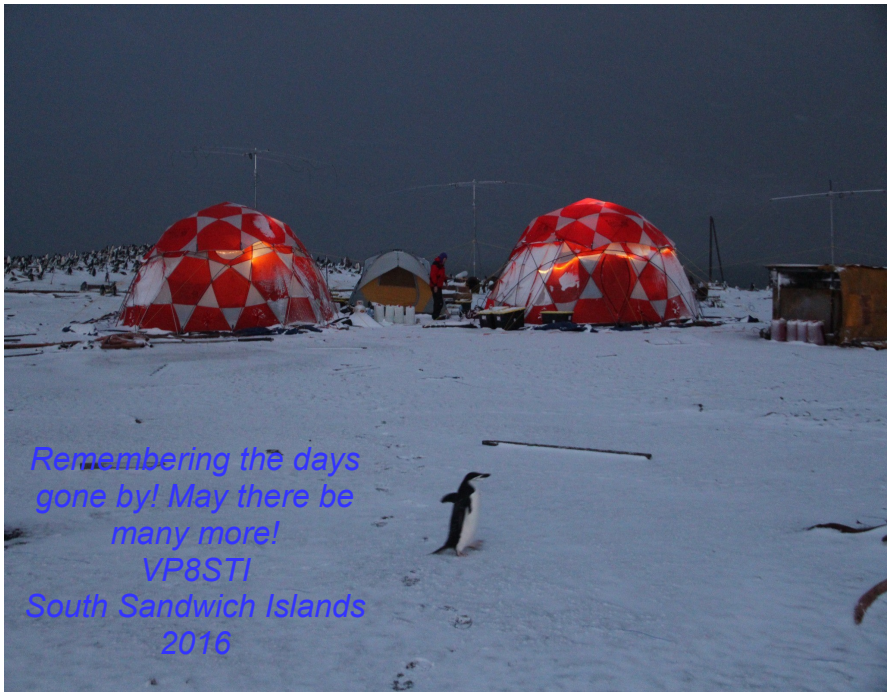
SUNDAY JULY 20, 2025
1PM UNTIL???

MENU

BBQ BABY BACK RIBS
BBQ BONELESS CHICKEN
COLESLAW, POTATO SALAD
CORN ON THE COB
FRIED ONION RINGS
ASSORTED PIES
SOFT DRINKS, WATER
BYOB BEER/WINE

PARKING: $5/CAR FOR ALL DAY
(Free Senior parking over 62)

IF ATTENDING, KINDLY SEND HEADCOUNT TO:
ROB WA3IHV, SMS (760) 522-8688 OR EMAIL: WA3IHV@GMAIL.COM



Rumors on the Band

Well look at all the DXpeditions! Note that the ones whose Information in Green will be operating on 6 meters! Imagine working 6 new entities on 6 meters this month! Aside from that there are several new ones for the year who will be active! The most wanted list has been updated. The Top 6 held their spots. Anyone for a KH3 DXpedition?

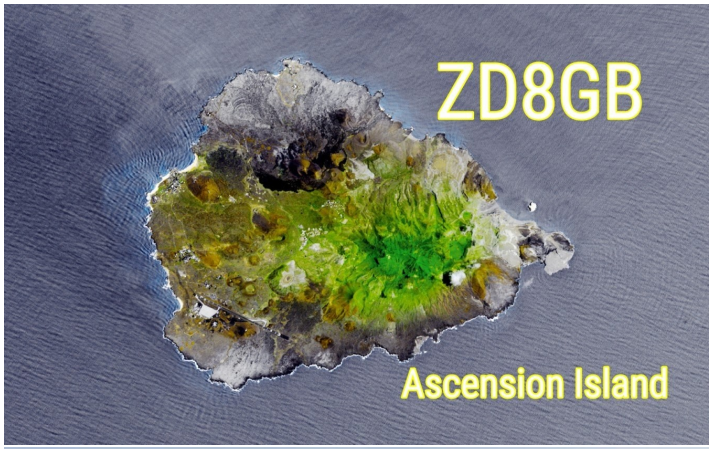
QTH	Call	Start Date	End Date	Information
Palau	T88FG	Now	1-Jun	JH1GHX (T88FG) JK1SZX (T88SG) 160-5m SSB CW FT8
Niue	E6RS	Now	2-Jun	ZLI1RS 6m & 10m FT8
St. Barthelemy	FJ/NP4G	Now	2-Jun	NP4G HF
Madagascar	5R8RD	Now	11-Jun	IK1TTD 40-10m HF
St. Lucia	J6/SM0FPR	Now	8-Jun	SM0FPR HF CW SSB
American Samoa	KH8/K0NR	Now	9-Jun	K0NR (K0NR/KH8) K0JJW (KH8/K0JJW) 20-10m SSB FT8 FT4
eSwatini	3DA0GY	Now	20-Jun	LA9GY HF CW SSB
St. Eustatius	PJ5/W4IO	Now	1-Jun	W4IO 40-6m FT8
St. Martin	FS/K9EL	4-Jun	11-Jun	K9EL 40-6m
Palau	T88HR	6-Jun	11-Jun	JH1MLO (T88HR) JR1FKR (T88TJ) 80-6m SSB FT8
Jersey	MJ/OP2D	6-Jun	13-Jun	Big Team HF SSB CW FT8
Jersey	MJ/ON6QR	7-Jun	8-Jun	160-10m less WARC CW
Vanuatu	YJ0RS	11-Jun	28-Jun	ZL1RS 6m & 10m FT8
Ogasawara Isl.	JD1BQP	14-Jun	16-Jun	JP1IHD 6m SSB FT8 FT4
Cyprus SBA	ZC4TH	14-Jun	28-Jun	G4WXJ 40-6m CW SSB FT8 FT4
Palau	T88PB	19-Jun	23-Jun	JA0JHQ HF
Miquelon	FP/KV1J	28-Jun	14-Jul	KV1J HF+6m SSB FT4 FT8

ClubLog Most Wanted

2025			2024			
#	Pfx	Entity	#	Pfx	Entity	Delta
1	P5	DPRK (NORTH KOREA)	1	P5	DPRK (NORTH KOREA)	1 =
2	BS7H	SCARBOROUGH REEF	2	BS7H	SCARBOROUGH REEF	2 =
3	CE0X	SAN FELIX ISLANDS	3	CE0X	SAN FELIX ISLANDS	3 =
4	BV9P	PRATAS ISLAND	4	BV9P	PRATAS ISLAND	4 =
5	KH7K	KURE ISLAND	5	KH7K	KURE ISLAND	5 =
6	KH3	JOHNSTON ISLAND	6	KH3	JOHNSTON ISLAND	6 =
7	3Y/P	PETER 1 ISLAND	7	3Y/B	BOUVET ISLAND	10 (↓ 3)
8	FT5/X	KERGUELEN ISLAND	8	FT5/X	KERGUELEN ISLAND	8 =
9	YV0	AVES ISLAND	9	3Y/P	PETER 1 ISLAND	7 (↑ 2)
10	3Y/B	BOUVET ISLAND	10	YV0	AVES ISLAND	9 (↑ 1)
11	VK0M	MACQUARIE ISLAND	11	VK0M	MACQUARIE ISLAND	11 =
12	KH4	MIDWAY ISLAND	12	SV/A	MOUNT ATHOS	31 (↓ 19)
13	PY0S	SAINT PETER AND PAUL ROCKS	13	ZS8	PRINCE EDWARD & MARION ISLANDS	21 (↓ 8)
14	KP5	DESECHEO ISLAND	14	KH4	MIDWAY ISLAND	12 (↑ 2)
15	VP0S	SOUTH SANDWICH ISLANDS	15	EZ	TURKMENISTAN	20 (↓ 5)
16	ZL9	NEW ZEALAND SUBANTARCTIC ISLANDS	16	PY0S	SAINT PETER AND PAUL ROCKS	13 (↑ 3)
17	FK/C	CHESTERFIELD ISLANDS	17	VP0S	SOUTH SANDWICH ISLANDS	15 (↑ 2)
18	VK0H	HEARD ISLAND	18	YK	SYRIA	23 (↓ 5)
19	FT/T	TROMELIN ISLAND	19	KP5	DESECHEO ISLAND	14 (↑ 5)
20	EZ	TURKMENISTAN	20	FT/G	GLORIOSO ISLAND	37 (↓ 17)
21	ZS8	PRINCE EDWARD & MARION ISLANDS	21	FT5/W	CROZET ISLAND	27 (↓ 6)
22	ZL8	KERMADEC ISLAND	22	ZL9	NEW ZEALAND SUBANTARCTIC ISLANDS	16 (↑ 6)
23	YK	SYRIA	23	XF4	REVILLAGIGEDO	25 (↓ 2)
24	VP0G	SOUTH GEORGIA ISLAND	24	FK/C	CHESTERFIELD ISLANDS	17 (↑ 7)
25	XF4	REVILLAGIGEDO	25	FT/T	TROMELIN ISLAND	19 (↑ 6)
26	KH1	BAKER HOWLAND ISLANDS	26	VK0H	HEARD ISLAND	18 (↑ 8)
27	FT5/W	CROZET ISLAND	27	KH1	BAKER HOWLAND ISLANDS	26 (↑ 1)
28	VK9M	MELLISH REEF	28	PY0T	TRINDADE & MARTIM VAZ ISLANDS	33 (↓ 5)
29	FT/J	JUAN DE NOVA, EUROPA	29	VP0G	SOUTH GEORGIA ISLAND	24 (↑ 5)
30	KH9	WAKE ISLAND	30	ZL8	KERMADEC ISLAND	22 (↑ 8)
31	SV/A	MOUNT ATHOS	31	KH9	WAKE ISLAND	30 (↑ 1)
32	HK0/M	MALPELO ISLAND	32	JD/M	MINAMI TORISHIMA	34 (↓ 2)
33	PY0T	TRINDADE & MARTIM VAZ ISLANDS	33	VK9M	MELLISH REEF	28 (↑ 5)
34	JD/M	MINAMI TORISHIMA	34	FT/J	JUAN DE NOVA, EUROPA	29 (↑ 5)
35	KP1	NAVASSA ISLAND	35	TI9	COCOS ISLAND	36 (↓ 1)
36	TI9	COCOS ISLAND	36	HK0/M	MALPELO ISLAND	32 (↑ 4)
37	FT/G	GLORIOSO ISLAND	37	KP1	NAVASSA ISLAND	35 (↑ 2)
38	VK9W	WILLIS ISLAND	38	KH5	PALMYRA & JARVIS ISLANDS	46 (↓ 8)
39	FT5Z	AMSTERDAM & ST PAUL ISLANDS	39	T31	CENTRAL KIRIBATI	48 (↓ 9)
40	VP8O	SOUTH ORKNEY ISLANDS	40	VP8O	SOUTH ORKNEY ISLANDS	40 =
41	XZ	MYANMAR	41	FT5Z	AMSTERDAM & ST PAUL ISLANDS	39 (↑ 2)
42	ZK3	TOKELAU ISLANDS	42	VK9W	WILLIS ISLAND	38 (↑ 4)
43	3C0	ANNOBON	43	XZ	MYANMAR	41 (↑ 2)
44	1S	SPRATLY ISLANDS	44	3D2/C	CONWAY REEF	58 (↓ 14)
45	T5	SOMALIA	45	T33	BANABA ISLAND	49 (↓ 4)
46	KH5	PALMYRA & JARVIS ISLANDS	46	ZK3	TOKELAU ISLANDS	42 (↑ 4)
47	R1F	FRANZ JOSEF LAND	47	3C0	ANNOBON	43 (↑ 4)
48	T31	CENTRAL KIRIBATI	48	T5	SOMALIA	45 (↑ 3)
49	T33	BANABA ISLAND	49	5A	LIBYA	73 (↓ 24)
50	H40	TEMOTU PROVINCE	50	H40	TEMOTU PROVINCE	50 =

[CADXA Most Wanted DXCC]

[ClubLog Most Wanted DXCC]



DX Standings

Thanks Bill, WA5VGI, Kent, N6WT, and Warren, KN6ZZI, for their updates!

If you are a new member please join ClubLog and then sign up for the Southern California DX Club. If you need help email me. Send any updates to:

N6RV@SCDXC.org

SCDXC WAZ and DXCC Standings

The first WAZ column is the confirmed zone count on 11 bands 160 - 6, including 60 meters. The second column is the regular 5BWAZ confirmed count. The following are the codes that follow the two columns and indicate the awards:

M	**Mixed**
P	**Phone**
C	**CW**
R	**RTTY**

SCDXC Lifetime Standings

Rank	Call	Current	Total	Slots	Rank	Call	Current	Total	Slots
1	W6KH	340	389		51	W6HB	311	311	1029
2	JA1BK	340	383	3242	52	N6PM	305	305	2291
3	K6YRA	340	378	2278	53	N6GP	303	314	1851
4	OH2BH	340	378		54	K6IRD	292	302	649
5	N0FW	340	372	2978	55	W6ZL	299	303	1179
6	K6YUI	340	366	2610	56	WA6HXM	275	275	
7	NS6C	340	361	2657	57	WA6WXD	274	274	
8	W6SR	340	359	2778	58	K6VC	264	267	
9	K6FG	340	357	2786	59	K0XP	250	249	973
10	WA6WZO	340	358	2456	60	KN6ZZI	249	249	1095
11	K5KT	340	355		61	N6AA	247	247	2442
12	W8DX	340	353	2456	62	W6KC	246	248	743
13	N6WS	340	352	2723	63	NE6V	239	239	1037
14	W6TK	340	351	1781	64	K6JEY	234	234	
15	N6HC	340	349	2408	65	WC2S	231	231	744
16	W6KK	340	349	2066	66	N6HE	229	238	746
17	K6ND	340	348	2861	67	W6YLZ	229	230	965
18	WA5VGI	340	348	2816	68	N6VOH	222	251	
19	KJ6Y	340	348	1439	69	N6AV	212	212	
20	N6PEQ	340	347	2056	70	K6NGO	212	212	739
21	KR6C	340	346	2152	71	K6AFW	204	204	917
22	N6RV	339	356	2587	72	WB6DJI	200	200	589
23	N6QQ	339	356	2231	73	AA6DW	196	202	402
24	W6FL	339	353	1644	74	K6FOD	188	188	479
25	K6RO	339	348	2484	75	K9TAD	180	180	274
26	W6TJI	338	355		76	N6LL	169	169	
27	W6IRD	338	354		77	W6GA	169	168	
28	W6RW	338	352	2479	78	KC6TOD	166	166	
29	N6HY	338	346	2294	79	K6DW	165	165	420
30	N6MG	338	338		80	KK6M	162	192	466
31	N6RW	337	372	2886	81	W6QE	149	149	365
32	W6OU	337	356	1935	82	WD6Y	147	147	274
33	N6IC	336	347		83	AB9A	141	141	224
34	N6AX	336	322	1826	84	NZ6L	137	178	158
35	K6JW	335	341	1371	85	N6CA	133	133	386
36	N7NR	335	354	2686	86	KI6BTY	125	125	453
37	SM5GMZ	335	346	2454	87	KF6RY	125	125	306
38	N6MXU	335	339	1831	88	K6BBC	103	117	216
39	K4ST	335	339	2065	89	N6PCD	105	105	251
40	K2IXQ	334	339	1796	90	N6YQ	100	128	
41	W6SW	331	339	540	91	WA6MEM	100	100	
42	K6SY	331	337	1158	92	W6CCC	95	95	211
43	W6DR	331	336	2109	93	NA6Q	81	81	198
44	N6AX	331	336	1826	94	W6MPB	61	61	
45	AA6PW	330	331	1785	95	NR6M	57	57	123
46	N6DHZ	316	318	1571	96	K6LAC	46	46	
47	K7MY	316	316	1461	97	K6YIC	43	43	92
48	N6WT	315	315	2276	98	NY6Y	28	28	
49	NK6A	313	316	957	99	KJ6YL	14	14	
50	N6VNI	312	314	1541	100				

WAZ Standings

Rank	Call	11B	5B	Awards
1	N0FW	426	200	M/P/C/R/5
2	WA5VGI	418	200	M/P/C/R/5
3	K6ND	415	200	M/5
4	N6WS	415	200	M/P/C/R/5
5	W6SR	384	200	M/P/C/5
6	K6FG	376	200	M/P/C/R/5
7	NS6C	369	200	M/P/C/R/5
8	W8DX	357	200	M/5
9	N6AW	355	200	M/P/C/5
10	K6YUI	353	200	M/P/C/R/5
11	W6RW	344	200	M/P/C/5
12	K6YRA	337	200	P/5
13	W6TK	369	198	
14	N6HY	365	196	M/P/C
15	N6RW	410	199	
16	N6WT	385	195	
17	N6RV	384	195	
18	K6RO	379	195	M/P/C
19	W6FL	253	195	
20	N6PM	380	194	
21	N6QQ	343	189	
22	KR6C	333	189	
23	N6PEQ	338	188	
24	W6DR	348	187	
25	W6OU	307	186	
26	N6GP	313	185	
27	K4ST	310	185	
28	W6KK	307	185	
29	N6DHZ	295	182	
30	AA6PW	298	181	
31	N6VNI	291	181	
32	K6SY	299	178	
33	KJ6Y	237	173	
34	N6HE	253	168	
35	W6ZL	253	166	M/P/C/R
36	KN6ZZI	251	134	
37	K6JW	244	158	
38	NK6A	290	157	
39	W6KC	217	156	
40	W6YLZ	151	288	
41	K7MY	258	159	
42	N6MG	241	150	
43	NE6V	256	149	
44	K6AFW	218	149	
45	KK6M	173	140	
46	K0XP	171	140	
47	K6IRD	220	130	
48	W6SW	154	126	M/P
49	W6IRD	102	112	
50	WD6Y	174	109	M
51	K6VC	145	96	
52	K6DW	143	118	
53	WC2S	201	115	
54	K6NGO	191	110	
55	K6FOD	160	106	
56	K9TAD	113	99	
57	NZ6L	104	82	
58	N6HC	17	13	
59	WB6DJI	11	8	

2025 Get Schroeder Contest

1A0	4S	7Q	A3	CE9	E7	FK	GI	HS	KH0	LZ	PJ7	T2	TY	VK9L	VU4	YV0
1S	4U1ITU	7X	A4	CN	EA	FK/C	GJ	HV	KH1	OA	PY	T30	TZ	VK9M	VU7	Z2
3A	4U1UN	8P	A5	CO	EA6	FM	GM	HZ	KH2	OD	PY0F	T31	UA	VK9N	XE	Z3
3B7	4W	8Q	A6	CP	EA8	FO	GU	I	KH3	OE	PY0S	T32	UA0	VK9W	XF4	Z6
3B8	4X	8R	A7	CT	EA9	FO/A	GW	IS0	KH4	OH	PY0T	T33	UA2	VK9X	XT	Z8
3B9	5A	9A	A9	CT3	EI	FO/C	H4	J2	KH5	OH0	PZ	T5	UJ	VP0G	XU	ZA
3C	5B	9G	AP	CU	EK	FO/M	H40	J3	KH6	OJ0	R1F	T7	UN	VP0S	XW	ZB2
3C0	5H	9H	BS7H	CX	EL	FP	HA	J5	KH7K	OK	S0	T8	UR	VP2E	XX9	ZC4
3D2	5N	9J	BU	CY0	EP	FR	HB	J6	KH8	OM	S2	TA	V2	VP2M	XZ	ZD7
3D2/C	5R	9K	BV9P	CY9	ER	FS	HB0	J7	KH8/S	ON	S5	TF	V3	VP2V	YA	ZD8
3D2/R	5T	9L	BY	D2	ES	FT/G	HC	J8	KH9	OX	S7	TG	V4	VP5	YB	ZD9
3DA	5U	9M2	C21	D4	ET	FT/J	HC8	JA	KL7	OY	S9	TI	V5	VP6	YI	ZF
3V	5V7	9M6	C31	D6	EU	FT/T	HH	JD/M	KP1	OZ	SM	TI9	V6	VP6/D	YJ	ZK3
3W	5W	9N	C5	DL	EX	FT5/W	HI	JD/O	KP2	P2	SP	TJ	V7	VP8	YK	ZL
3XA	5X	9Q	C6A	DU	EY	FT5/X	HK	JT	KP4	P4	ST	TK	V8	VP8H	YL	ZL7
3Y/B	5Z	9U	C9	E3	~~EZ~~	FT5Z	HK0/M	JW	KP5	~~P5~~	SU	TL	VE	VP8O	YN	ZL8
3Y/P	6W	9V	CE	E4	F	FW	HK0S	JX	LA	PA	SV	TN	VK	VP9	YO	ZL9
4J	6Y	9X	CE0X	E5/N	FG	FY	HL	JY	LU	PJ2	SV/A	TR	VK0H	VQ9	YS	ZP
4L	7O	9Y	CE0Y	E5/S	FH	G	HP	K	LX	PJ4	SV5	TT	VK0M	VR	YT	ZS
4O	7P	A2	CE0Z	E6	FJ	GD	HR	KG4	LY	PJ5	SV9	TU	VK9C	VU	YV	ZS8

Chart Legend	
White / Green	Entity Worked This Year by a Member
Black / White	Very Active Entity Not Yet Worked
Black / Blue	Entity with Announced DXpedition
Black / Yellow	Rarely Active Entity Not Yet Worked
Black / Red	Inactive Entity
	Deleted Entity

It has been a good month for DX in general. We have been adding to our annual counts. Note that we are down 25 entities compared to last year and ClubLog in general is down 20. We still have 6 months and 6 meter Es Season!

[San Ambrosio Island](#)

2025 Get Schroeder Leaders	
2025 Total Entities Worked	269
2024 Total Entities Worked	289
2025 Entities Worked by SCDXC	253
2024 SCDXC Entities Worked	280
2025 Entities Worked by SCDXC Members in SoCal	248
2024 Entities Worked by SCDXC Members in SoCal	273
2025 ClubLog Leaders Entities Worked	269
2024 ClubLog Leaders Entities Worked	288
2024 SCDXC Leader (K6RO)	273
2024 ClubLog Leader (N4RJ)	277

Rank	Call	Entities	Last Mo.	Last Yr	Leader	-Tot	-QQ	Uniques
								6
1	K6RO	239	2	-28	0	13	-149	0
2	N6RV	234	4	-30	-5	18	-144	0
3	N6WT	233	3	-34	-6	19	-143	0
4	N6RW	231	3	-33	-8	21	-141	0
5	K6ND	229	0	-42	-10	23	-139	3
6	N0FW	225	14	-48	-14	27	-135	1
7	NS6C	215	8	-47	-24	37	-125	0
8	WA5VGI	208	9	-51	-31	44	-118	0
9	KN6ZZI	197	11	-41	-42	55	-107	1
10	AA6AA	176	0	-62	-63	76	-133	0
11	N6PM	170	7	-21	-69	82	-80	0
12	N6MG	157	9	-27	-82	95	-67	0
13	AA6PW	144	12	-48	-95	108	-54	0
14	N6AV	143	0	-45	-96	109	-53	0
15	N6WS	134	16	-114	-105	118	-44	0
16	N6GP	131	0	-58	-108	121	-41	0
17	W6DR	126	19	-104	-113	126	-36	0
18	W6YLZ	124	11	58	-115	128	-34	0
19	N6DHZ	101	2	-78	-138	151	-11	0
20	NK6A	101	1	-46	-138	151	-11	0
21	WC2S	95	28	-44	-144	157	-5	0
22	N6QQ	90	8	-112	-149	162	0	0
23	KI6BTY	77	8	-49	-162	175	13	0
24	K0XP	76	0	-68	-163	176	14	0
25	NA6Q	69	6	-11	-170	183	21	0
26	K6DW	64	-12	1	-175	188	26	0
27	KR6C	63	11	0	-176	189	27	0
28	K6FG	62	12	-105	-177	190	28	0
29	W6KK	61	0	-68	-178	191	29	0
30	K7MY	61	0	-91	-178	191	29	0
31	AA6DW	61	24	-50	-178	191	29	0
32	K6NGO	43	8	-68	-196	209	47	0
33	K6JW	36	0	-65	-203	216	54	0
34	W6TK	10	1	-240	-229	242	80	0
35	W6SR	10	1	-135	-229	242	80	0
36	N6PEQ	7	0	-54	-232	245	83	0
37	KK6M	1	0	-28	-238	251	89	0

SCDXC Get Schroeder Standings 2025

Rank	Call	160	80	60	40	30	20	17	15	12	10	6	Total	Slots	
1	K6RO	2	75	24	132	124	189	178	188	178	193	24	239	1307	37
2	N6RV	0	38	20	121	132	169	138	163	130	162	24	234	1097	57
3	N6WT	6	39	6	104	105	164	144	168	122	166	12	233	1036	11
4	N6RW	36	97	66	149	172	186	166	173	171	171	28	231	1415	67
5	K6ND	4	28	9	26	76	115	81	108	63	115	0	229	625	34
6	N0FW	39	66	58	120	136	151	138	161	148	163	24	223	1204	29
7	NS6C	3	8	2	13	32	101	56	86	56	83	19	215	459	68
8	WA5VGI	5	32	10	0	62	42	47	71	76	57	6	208	408	41
9	KN6ZZI	0	0	0	41	72	99	75	119	54	104	17	196	581	2
10	N6PM	4	17	11	56	62	57	48	60	79	68	17	170	479	31
11	N6MG	0	17	0	75	38	81	36	69	100	53	1	157	470	48
12	AA6PW	0	2	0	60	26	46	22	97	45	96	0	144	394	38
13	N6AV	0	0	0	69	59	79	44	83	58	87	0	143	479	3
14	N6WS	0	6	10	44	16	50	34	41	68	52	20	133	341	61
15	N6GP	0	0	0	0	0	45	1	42	30	90	14	131	222	37
16	W6DR	16	16	22	60	53	39	22	52	42	44	2	126	368	45
17	W6YLZ	0	0	0	0	22	67	37	34	35	14	19	123	228	37
18	N6DHZ	0	2	0	6	2	12	8	60	22	85	0	101	197	37
19	NK6A	0	0	0	1	6	12	3	83	4	68	0	101	177	80
20	WC2S	0	0	0	2	20	19	13	22	27	39	5	95	147	33
21	N6QQ	0	0	0	1	33	6	26	25	32	18	6	90	147	68
22	KI6BTY	0	7	1	21	5	37	17	24	15	57	3	77	187	3
23	K0XP	25	8	0	19	18	19	12	23	11	40	2	76	177	18
24	NA6Q	0	1	0	6	1	20	2	30	24	41	0	69	125	8
25	K6DW	0	0	0	24	0	34	0	39	1	45	0	64	143	18
26	KR6C	0	0	0	7	0	19	10	24	12	15	0	63	87	47
27	K6FG	1	14	0	5	30	30	4	7	6	11	11	62	119	69
28	W6KK	1	11	0	3	10	3	2	18	16	43	3	61	110	30
29	K7MY	0	0	0	0	0	0	0	0	0	61	0	61	61	48
30	AA6DW	0	0	0	2	2	20	17	28	7	11	4	58	91	38
31	K6NGO	0	0	0	4	9	13	14	12	10	8	4	43	74	5
32	K6JW	0	16	0	2	2	4	7	5	4	6	0	36	46	66
33	W6TK	0	0	0	0	0	3	2	2	1	5	1	10	14	68
34	W6SR	0	0	0	0	0	0	0	0	0	0	10	10	10	58
35	N6PEQ	0	0	0	0	1	0	0	0	2	4	0	7	7	39
36	N6PCD	0	0	0	1	0	1	2	0	0	0	0	2	4	37
37	W6FL	0	0	0	0	0	0	0	0	0	0	2	2	2	65
38	K9TAD	0	0	0	0	0	0	0	1	0	0	0	1	1	18
39	KK6M	0	0	0	0	0	0	0	0	0	1	0	1	1	46
40	K6FOD	0	0	0	0	0	0	0	0	0	0	1	1	1	7

ClubLog Worked Not SCDXC

3C	9U	J2	TL	ZD8
5T	A5	KG4	VQ9	
5U	E4	PJ5	YA	
7P	FH	ST	YK	

What Did We Really Work?

We have seen a significant drop in SFI along with CMEs from huge coronal holes. Even so, propagation has been OK on all bands except 12 and 10 meters. Thanks to everyone who submitted theirs reports!

Entity	Prefix	Total	Jan	Feb	Mar	Apr	May
		252	204	195	199	169	167
MONACO	3A	1	1	0	0	0	0
MAURITIUS ISLAND	3B8	1	1	0	0	1	1
RODRIGUEZ ISLAND	3B9	1	0	0	1	1	0
FIJI ISLANDS	3D2	1	1	0	0	0	0
CONWAY REEF	3D2/C	1	0	0	1	1	1
KINGDOM OF ESWATINI	3DA	1	0	0	0	0	1
TUNISIA	3V	1	1	0	1	0	1
VIET NAM	3W	1	1	1	1	1	1
AZERBAIJAN	4J	1	1	0	1	0	1
GEORGIA	4L	1	1	1	1	1	1
MONTENEGRO	4O	1	1	1	1	1	1
SRI LANKA	4S	1	1	1	1	1	0
ITU HQ	4U1ITU	1	0	0	1	0	1
UNITED NATIONS HQ	4U1UN	1	1	1	1	0	1
ISRAEL	4X	1	1	1	1	1	1
CYPRUS	5B	1	1	1	1	1	1
TANZANIA	5H	1	0	1	1	1	1
NIGERIA	5N	1	0	1	0	0	0
MADAGASCAR	5R	1	1	1	1	0	0
SAMOA	5W	1	1	1	1	0	1
UGANDA	5X	1	0	0	1	1	0
KENYA	5Z	1	1	1	1	1	1
SENEGAL	6W	1	1	0	0	0	0
JAMAICA	6Y	1	1	1	1	1	1
MALAWI	7Q	1	1	1	1	1	0
ALGERIA	7X	1	1	1	1	1	1
BARBADOS	8P	1	1	1	1	0	1
MALDIVES	8Q	1	1	1	0	0	0
GUYANA	8R	1	1	1	0	1	0
CROATIA	9A	1	1	1	1	1	1
GHANA	9G	1	0	0	0	1	0
MALTA	9H	1	1	1	1	0	1
ZAMBIA	9J	1	0	1	1	1	1
KUWAIT	9K	1	1	0	1	0	1
SIERRA LEONE	9L	1	0	1	0	0	0
WEST MALAYSIA	9M2	1	1	1	1	1	1
EAST MALAYSIA	9M6	1	1	1	1	1	1
NEPAL	9N	1	1	0	0	1	0
SINGAPORE	9V	1	1	1	1	0	1
RWANDA	9X	1	1	1	0	0	0
TRINIDAD & TOBAGO	9Y	1	1	1	1	1	1
BOTSWANA	A2	1	1	1	0	1	0
TONGA	A3	1	0	1	1	0	0
OMAN	A4	1	1	1	0	0	0
BHUTAN	A5	1	0	0	0	1	0
UNITED ARAB EMIRATES	A6	1	1	1	1	1	1
QATAR	A7	1	1	1	1	1	1
BAHRAIN	A9	1	1	1	1	1	0
PAKISTAN	AP	1	1	0	1	1	0
TAIWAN	BU	1	1	1	1	1	1
CHINA	BY	1	1	1	1	1	1
NAURU	C21	1	1	1	1	1	1
ANDORRA	C31	1	1	1	1	0	0
THE GAMBIA	C5	1	1	1	0	1	0
BAHAMAS	C6A	1	1	1	1	1	0
CHILE	CE	1	1	1	1	1	1
EASTER ISLAND	CE0Y	1	1	0	1	0	1
ANTARCTICA	CE9	1	1	1	0	0	0
MOROCCO	CN	1	1	1	1	1	1
CUBA	CO	1	1	1	1	1	1
BOLIVIA	CP	1	1	1	1	0	0
PORTUGAL	CT	1	1	1	1	1	1
MADEIRA ISLANDS	CT3	1	1	1	1	1	1
AZORES	CU	1	1	1	1	0	0
URUGUAY	CX	1	1	1	1	1	0
ANGOLA	D2	1	1	1	0	0	0
CAPE VERDE	D4	1	1	1	1	0	1
COMOROS	D6	1	0	0	1	1	0
FEDERAL REPUBLIC OF GERMANY	DL	1	1	1	1	1	1
PHILIPPINES	DU	1	1	1	1	1	1
NORTH COOK ISLANDS	E5/N	1	0	0	1	1	1
SOUTH COOK ISLANDS	E5/S	1	1	1	1	1	1
NIUE	E6	1	0	0	0	0	1
BOSNIA-HERZEGOVINA	E7	1	1	1	1	1	1
SPAIN	EA	1	1	1	1	1	1
BALEARIC ISLANDS	EA6	1	1	1	1	1	1
CANARY ISLANDS	EA8	1	1	1	1	1	1
CEUTA & MELILLA	EA9	1	1	1	1	1	1
IRELAND	EI	1	1	1	1	1	1
ARMENIA	EK	1	1	1	1	1	1
LIBERIA	EL	1	1	0	0	1	0
IRAN	EP	1	0	0	1	1	1
MOLDOVA	ER	1	1	1	1	1	1
ESTONIA	ES	1	1	1	1	1	1

Entity	Prefix	Total	Jan	Feb	Mar	Apr	May
		252	204	195	199	169	167
ETHIOPIA	ET	1	1	0	0	0	0
BELARUS	EU	1	1	1	1	1	1
KYRGYZSTAN	EX	1	1	1	1	1	1
TAJIKISTAN	EY	1	0	1	1	1	1
FRANCE	F	1	1	1	1	1	1
GUADELOUPE	FG	1	1	1	1	1	1
SAINT BARTHELEMY	FJ	1	0	1	1	1	1
NEW CALEDONIA	FK	1	1	1	1	1	1
MARTINIQUE	FM	1	1	1	1	1	1
FRENCH POLYNESIA	FO	1	1	0	1	0	0
AUSTRAL ISLANDS	FO/A	1	0	0	0	1	1
CLIPPERTON ISLAND	FO/C	1	0	1	0	1	1
MARQUESAS ISLANDS	FO/M	1	1	0	0	1	0
SAINT PIERRE & MIQUELON	FP	1	0	1	0	0	0
REUNION ISLAND	FR	1	1	1	1	0	0
SAINT MARTIN	FS	1	1	1	0	0	0
TROMELIN ISLAND	FT/T	1	0	1	1	0	0
FRENCH GUIANA	FY	1	1	1	1	0	1
ENGLAND	G	1	1	1	1	1	1
ISLE OF MAN	GD	1	0	1	1	1	1
NORTHERN IRELAND	GI	1	1	1	1	1	1
JERSEY	GJ	1	1	1	1	1	1
SCOTLAND	GM	1	1	1	1	1	1
GUERNSEY	GU	1	1	1	1	1	1
WALES	GW	1	1	1	1	0	1
SOLOMON ISLANDS	H4	1	0	0	1	1	0
TEMOTU PROVINCE	H40	1	1	0	0	0	0
HUNGARY	HA	1	1	1	1	1	1
SWITZERLAND	HB	1	1	1	1	1	1
LIECHTENSTEIN	HB0	1	1	1	1	0	1
ECUADOR	HC	1	1	1	1	1	1
GALAPAGOS ISLANDS	HC8	1	1	1	1	1	0
HAITI	HH	1	1	1	0	1	0
DOMINICAN REPUBLIC	HI	1	1	1	1	1	1
COLOMBIA	HK	1	1	1	1	0	1
SAN ANDRES ISLAND	HK0S	1	0	0	1	0	0
REPUBLIC OF KOREA	HL	1	1	1	1	1	1
PANAMA	HP	1	1	1	1	0	1
HONDURAS	HR	1	1	1	1	1	1
THAILAND	HS	1	1	1	1	1	1
SAUDI ARABIA	HZ	1	1	1	1	1	1
ITALY	I	1	1	1	1	1	1
SARDINIA	IS0	1	1	1	1	1	0
GRENADA	J3	1	0	1	1	0	0
GUINEA-BISSAU	J5	1	1	0	0	0	0
SAINT LUCIA	J6	1	1	1	1	1	0
DOMINICA	J7	1	1	1	1	0	0
SAINT VINCENT	J8	1	1	1	1	1	0
JAPAN	JA	1	1	1	1	1	1
MINAMI TORISHIMA	JD/M	1	1	1	0	0	1
OGASAWARA	JD/O	1	1	0	0	1	1
MONGOLIA	JT	1	1	1	1	0	0
SVALBARD	JW	1	1	1	0	0	0
JORDAN	JY	1	1	1	1	0	0
UNITED STATES OF AMERICA	K	1	1	1	1	1	1
MARIANA ISLANDS	KH0	1	1	1	1	1	1
GUAM	KH2	1	1	1	1	1	1
HAWAII	KH6	1	1	1	1	1	1
AMERICAN SAMOA	KH8	1	1	0	0	0	1
SWAINS ISLAND	KH8/S	1	0	0	0	0	1
WAKE ISLAND	KH9	1	1	1	0	1	1
ALASKA	KL7	1	1	1	1	0	1
US VIRGIN ISLANDS	KP2	1	1	1	1	1	1
PUERTO RICO	KP4	1	1	1	1	1	1
NORWAY	LA	1	1	1	1	1	1
ARGENTINA	LU	1	1	1	1	1	1
LUXEMBOURG	LX	1	1	1	1	1	1
LITHUANIA	LY	1	1	1	1	1	1
BULGARIA	LZ	1	1	1	1	1	1
PERU	OA	1	1	1	1	1	1
LEBANON	OD	1	1	1	1	1	1
AUSTRIA	OE	1	1	1	1	1	1
FINLAND	OH	1	1	1	1	1	1
ALAND ISLANDS	OH0	1	0	1	1	0	1
MARKET REEF	OJ0	1	0	0	0	0	1
CZECH REPUBLIC	OK	1	1	1	1	1	1
SLOVAK REPUBLIC	OM	1	1	1	1	0	1
BELGIUM	ON	1	1	1	1	1	1
GREENLAND	OX	1	1	0	1	0	1
FAROE ISLANDS	OY	1	1	0	1	1	1
DENMARK	OZ	1	1	1	1	1	1
PAPUA NEW GUINEA	P2	1	0	0	0	1	0
ARUBA	P4	1	1	1	1	1	1
NETHERLANDS	PA	1	1	1	1	1	1

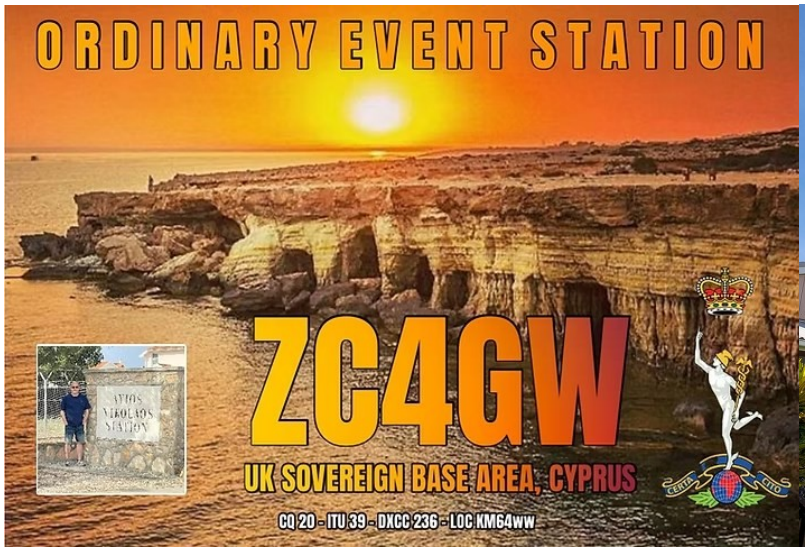
Entity	Prefix	Total	Jan	Feb	Mar	Apr	May
		252	204	195	199	169	167
CURACAO	PJ2	1	1	1	1	0	1
BONAIRE	PJ4	1	1	1	1	1	1
SINT MAARTEN	PJ7	1	1	1	0	1	0
BRAZIL	PY	1	1	1	1	1	1
SURINAME	PZ	1	1	1	1	1	1
WESTERN SAHARA	S0	1	1	1	1	1	0
BANGLADESH	S2	1	0	1	0	1	1
SLOVENIA	S5	1	1	1	1	0	1
SEYCHELLES ISLANDS	S7	1	1	0	0	1	1
SWEDEN	SM	1	1	1	1	1	1
POLAND	SP	1	1	1	1	1	1
EGYPT	SU	1	1	1	1	1	0
Greece	SV	1	1	1	1	1	1
Dodecanese	SV5	1	1	1	1	1	1
Crete	SV9	1	1	1	1	1	0
Mount Athos	SV-A	1	1	0	0	0	0
EASTERN KIRIBATI	T32	1	1	0	1	0	0
BANABA ISLAND	T33	1	0	0	0	1	0
SAN MARINO	T7	1	1	1	1	1	0
PALAU	T8	1	1	0	1	1	0
TURKEY	TA	1	1	1	1	1	1
ICELAND	TF	1	1	1	1	1	1
GUATEMALA	TG	1	1	1	1	1	1
COSTA RICA	TI	1	1	1	1	1	1
CAMEROON	TJ	1	1	0	0	0	0
CORSICA	TK	1	1	1	1	0	0
GABON	TR	1	1	1	1	0	0
BENIN	TY	1	0	0	1	1	0
MALI	TZ	1	0	1	0	0	1
EUROPEAN RUSSIA	UA	1	1	1	1	1	1
ASIATIC RUSSIA	UA0	1	1	1	1	1	1
KALININGRAD	UA2	1	1	1	1	1	1
UZBEKISTAN	UJ	1	1	1	0	0	1
KAZAKHSTAN	UN	1	1	1	1	1	1
UKRAINE	UR	1	1	1	1	1	1
ANTIGUA & BARBUDA	V2	1	1	1	1	0	1
BELIZE	V3	1	1	1	1	1	1
SAINT KITTS & NEVIS	V4	1	1	1	1	1	1
NAMIBIA	V5	1	1	1	1	1	0
MICRONESIA	V6	1	0	0	1	0	0
MARSHALL ISLANDS	V7	1	1	1	0	1	0
BRUNEI	V8	1	1	1	1	1	1
CANADA	VE	1	1	1	1	1	1
AUSTRALIA	VK	1	1	1	1	1	1
COCOS (KEELING) ISLAND	VK9C	1	0	0	1	0	0
NORFOLK ISLAND	VK9N	1	1	1	1	1	1
CHRISTMAS ISLAND	VK9X	1	0	1	1	0	0
ANGUILLA	VP2E	1	0	1	1	1	0
MONTSERRAT	VP2M	1	0	1	1	0	1
BRITISH VIRGIN ISLANDS	VP2V	1	0	0	0	1	1
TURKS & CAICOS ISLANDS	VP5	1	1	0	1	0	0
PITCAIRN ISLAND	VP6	1	1	1	1	1	1
FALKLAND ISLANDS	VP8	1	1	0	1	0	0
BERMUDA	VP9	1	1	1	1	0	1
HONG KONG	VR	1	1	1	1	0	1
INDIA	VU	1	1	1	1	1	1
ANDAMAN & NICOBAR ISLANDS	VU4	1	0	0	1	0	0
MEXICO	XE	1	1	1	1	1	1
CAMBODIA	XU	1	0	1	0	1	0
LAOS	XW	1	0	0	1	1	0
MACAO	XX9	1	0	1	1	0	0
INDONESIA	YB	1	1	1	1	1	1
IRAQ	YI	1	0	0	0	1	0
VANUATU	YJ	1	0	0	1	0	0
LATVIA	YL	1	1	1	1	0	1
NICARAGUA	YN	1	1	1	1	0	1
ROMANIA	YO	1	1	1	1	1	1
EL SALVADOR	YS	1	1	1	1	1	1
SERBIA	YT	1	1	1	1	1	1
VENEZUELA	YV	1	1	1	1	1	1
ZIMBABWE	Z2	1	1	1	0	0	0
NORTH MACEDONIA	Z3	1	1	1	0	1	1
REPUBLIC OF KOSOVO	Z6	1	1	1	1	0	1
REPUBLIC OF SOUTH SUDAN	Z8	1	1	0	0	0	0
ALBANIA	ZA	1	1	1	1	1	1
GIBRALTAR	ZB2	1	1	1	1	1	0
SAINT HELENA	ZD7	1	1	1	1	1	0
TRISTAN DA CUNHA & GOUGH ISLANDS	ZD9	1	1	0	1	0	0
CAYMAN ISLANDS	ZF	1	1	1	1	1	1
NEW ZEALAND	ZL	1	1	1	1	1	1
CHATHAM ISLAND	ZL7	1	0	0	1	0	1
PARAGUAY	ZP	1	1	1	1	1	1
REPUBLIC OF SOUTH AFRICA	ZS	1	1	1	1	1	1
PRINCE EDWARD & MARION ISLANDS	ZS8	1	0	0	0	1	1

Who's on 6?

Our club total has hit the half DXCC mark for the year! We had a very nice surprise last month. Austral Islands showed up on the band which was an ATNO for several of us. Right now we are looking for E6RS to appear. That would make 2 ATNOs in one month...Yippee!

Currently there have been openings to the Hawaii and a short opening to Japan. Our members at large are catching South America, the Caribbean, and Europe. Hopefully it will reach the WCJs in a month or so.

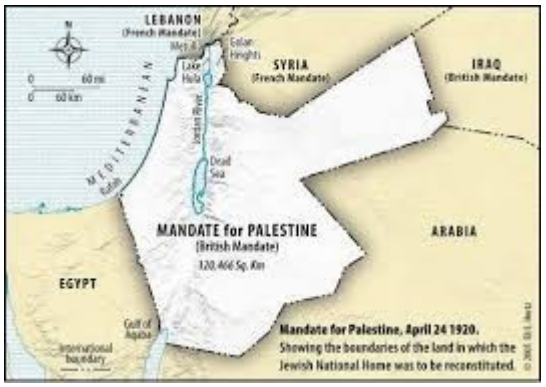
												-1	0	1	2	3	3	3	4	4	4	5	6	7	8	9	10	11	11	12	13	14	14	15	15	16		16	16
		So Cal		At Lrg		Diff	Uniques			Total																													
	Pfx	DX	QSOs	DX	QSOs		SoCal	At Lrg	Total	DX	QSOs	N6CA	N6RW	N6RV	K6RO	N0FW	W6YLZ	N6WS	NS6C	N6PM	KN6ZZI	N6GP	N6WT	K6FG	W6SR	WA5VGI	N6QQ	WC2S	K6NGO	KI6BTY	W6KK	W6DR	K0XP	N6MG	W6TK	AA6DW	K6FOD
		33	208	47	98	14	3	13	16	50	306	35	27	24	24	24	19	19	19	17	16	14	12	11	10	6	6	5	4	3	3	2	2	1	1	1	1
											2025	-25	-22	-22	-10	-11	-4	-38	-5	10	13	2	-11	-5	3	-22	-22	-5	-4	0	-8	-18	-5	-11	-6	-6	-15	
											Uniques	7	1	0	2	5	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	3D2	1	6	1	2	0	0	0	0	1	8	1	1	1	1	0	0	0	1	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
59	9Y	0	0	1	3	1	0	0	0	1	3	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75	C6	0	0	1	1	1	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
77	CE	1	11	1	4	0	0	0	0	1	15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0
79	CE0Y	0	0	1	1	1	0	1	1	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
83	CO	1	3	1	1	0	0	0	0	1	4	1	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
88	CX	1	10	1	2	0	0	0	0	1	12	1	1	1	1	0	1	1	1	0	1	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0
98	E5/N	1	7	1	1	0	0	0	0	1	8	1	0	1	1	0	1	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
99	E5/S	1	3	1	1	0	0	0	0	1	4	1	0	0	0	0	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
104	EA8	0	0	1	1	1	0	1	1	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
121	FK	1	9	1	1	0	0	0	0	1	10	0	1	1	1	0	1	1	1	1	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0
125	FO/A	1	6	1	3	0	0	0	0	1	9	1	1	1	1	1	1	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
127	FO/M	1	1	0	0	-1	1	0	1	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
151	HC	1	10	1	4	0	0	0	0	1	14	1	1	1	1	1	1	0	1	1	1	1	0	1	1	0	0	1	1	0	0	0	0	0	0	0	0
152	HC8	1	1	1	2	0	0	0	0	1	3	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
153	HH	0	0	1	1	1	0	1	1	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
154	HI	1	1	1	2	0	0	0	0	1	3	0	1	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
155	HK	1	5	1	3	0	0	0	0	1	8	1	1	1	1	1	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
157	HK0/S	0	0	1	1	1	0	1	1	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
159	HP	1	1	1	1	0	0	0	0	1	2	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
169	J6	0	0	1	1	1	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
170	J7	0	0	1	1	1	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
171	J8	0	0	1	2	1	0	0	0	1	2	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
172	JA	1	1	0	0	-1	1	0	1	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
179	K	1	19	1	5	0	0	0	0	1	24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	0	1	1	1	1	1	1	1	1
187	KH6	1	8	1	3	0	0	0	0	1	11	1	1	1	1	0	0	1	1	1	1	0	0	0	1	0	1	0	0	1	0	0	0	0	0	0	0
194	KP2	0	0	1	2	1	0	0	0	1	2	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
195	KP4	1	5	1	3	0	0	0	0	1	8	1	1	1	1	1	0	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
197	LA	0	0	1	1	1	0	1	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
198	LU	1	13	1	4	0	0	0	0	1	17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	0	0	0	1	0	0	0	0
202	OA	0	0	1	1	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
215	P4	1	2	1	1	0	0	0	0	1	3	0	0	0	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
218	PJ2	0	0	1	1	1	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
219	PJ4	0	0	1	1	1	0	1	1	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
222	PY	1	8	1	4	0	0	0	0	1	12	1	1	1	1	1	1	1	1	1	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
251	TG	1	4	1	2	0	0	0	0	1	6	1	0	1	0	0	1	0	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
252	TI	1	2	1	3	0	0	0	0	1	5	1	1	1	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
269	V2	1	2	1	3	0	0	0	0	1	5	1	1	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
270	V3	0	0	1	1	1	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
276	VE	1	6	1	4	0	0	0	0	1	10	1	1	1	1	1	0	1	0	1	0	0	1	0	0	0	0	0	0	1	0	1	0	0	0	0	0
277	VK	1	10	1	2	0	0	0	0	1	12	1	1	1	1	0	1	1	1	1	1	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0
283	VK9N	1	13	1	4	0	0	0	0	1	17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	0	0	0	0	0	0	0	0
292	VP8	0	0	1	1	1	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
294	VP8/H	1	4	1	2	0	0	0	0	1	6	0	1	1	0	1	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
303	XE	1	8	1	3	0	0	0	0	1	11	1	1	1	1	0	1	1	0	1	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
320	YV	0	0	1	2	1	0	0	0	1	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
332	ZF	1	6	1	2	0	0	0	0	1	8	1	0	1	1	0	1	1	0	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
334	ZL	1	13	1	2	0	0	0	0	1	15	1	1	1	1	0	1	1	1	1	1	1	1	1	0	1	1	0	1	0	0	0	0	0	0	0	0
335	ZL7	1	9	1	2	0	0	0	0	1	11	1	1	1	1	0	1	0	1	1	1	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0
338	ZP	1	1	0	0	-1	1	0	1	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0



Deleted ARRL DXCC Entities

This month we look at deleted entity #59 British Mandate Palestine.

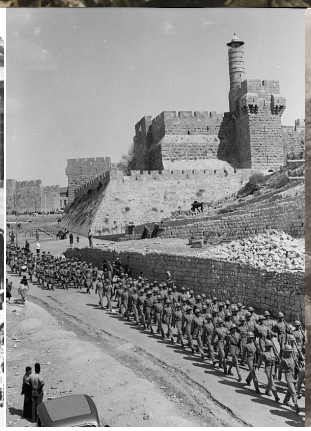
Prefix	Entity	Cont	Zone		UTC	Location		Prefix
			ITU	CQ	+/-	Lat	Long	
VS9K	Kamaran Is	AS	39	21	3	15N	43E	7O
ZC5	Br No Borneo	OC	54	28	8	6N	116E	
ZC6	Palestine	AS	39	20	2	32N	35E	4X1
ZD4	Gold Coast, Togoland	AF	46	35	0	5N	0W	
ZS0	Penguin Is	AF	57	38	2	27S	15E	
ZS9	Walvis Bay	AF	57	38	2	23S	15E	



Palestine

Palestine is a very interesting region. . The name originates from Greek which was derived from the Hebrew word Pelesheth meaning land of the Philistines, who have no ancestral relationship to modern day Palestinians. Palestine back then was only a small part of modern Israel above the Gaza Strip, stretching from just below the city of Gaza north to well past Ashdad, to Gerar to the Southeast and above Gath to the East. Romans were the first to call all of Israel Palestine after the uprising in 135 BC. The name remained the same until 1948 when Israel the state of Israel recognized. Today the name describes only Gaza and the West Bank

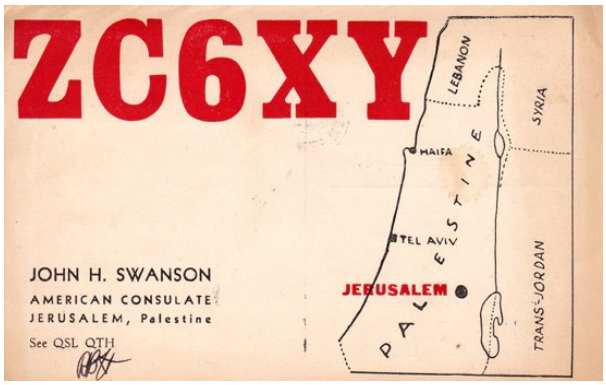
From 1920 to 1948 Palestine and Transjordan, east of the Jordan River, was a protectorate of Britain. This status was ratified by the League of Nations in 1922. After WWI the Ottoman empire was partitioned and western countries were given oversight. The British controlled most of the Middle East which included modern day Israel. After WWII, with the immigration of European Jews to the region and Arab / Jewish conflicts, pressure was brought on the newly formed United Nations to recognize the State of Israel. After a not so bloodless conflict with the occupying British, Israel was given statehood and the British left the region... almost. It seems that for several years, around 20 years, they held some authority though not controlling authority in Israel. Hence the existence of Palestine, though in namely only, continued.

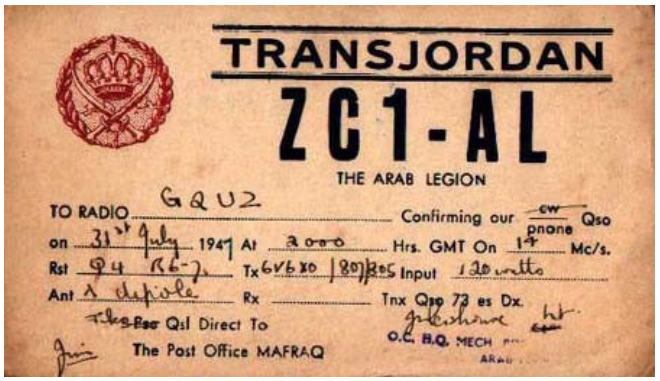


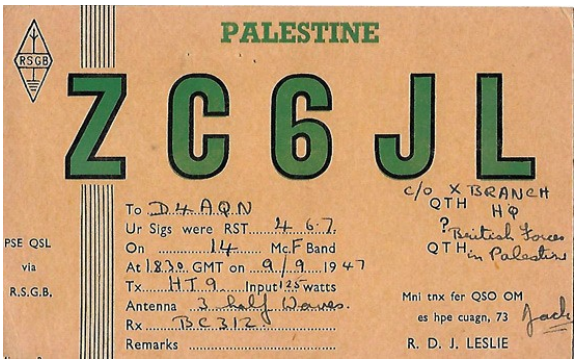
Amateur Radio Operations

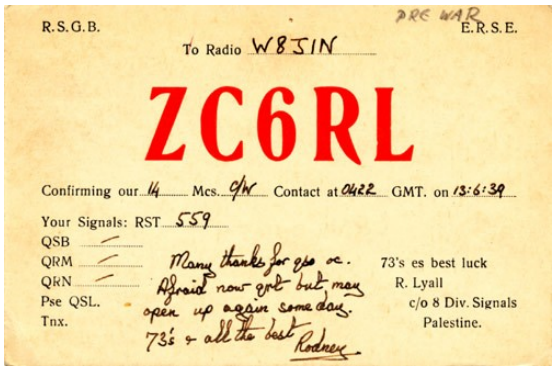
Palestine	
AP9FRG	1929
AP6JM	1931
ZC6CN	1933
ZC6KR	1933
ZC6FF	1934
ZC6AQ	1937
ZC6SWL	1937
ZC6NX	1938
ZC6RL	1939
ZC6XX	1939
ZC1AR/ZC6	1946
ZC6FP	1946
ZC1AL	1947
ZC6AA	1947
ZC6JF	1947
ZC6JG	1947
ZC6JL	1947
ZC6JM	1947
ZC6NF	1947
ZC6SM	1947
ZC6SX	1947
ZC6AW	1948
ZC6JP	1948
ZC6JU	1948
ZC6LA	1948
ZC6NT	1948
ZC6PR	1948
ZC6XY	1948
ZC8SI	1948
ZC6AC	1949
ZC6DZ	1949
ZC6UNJ	1949
ZC8PM	1949
VE3EGD/ZC6	1959
SM5ZS/4U	1961
SM5ZS/ZC6	1961
4X1DK	1965
4U1SU	1967

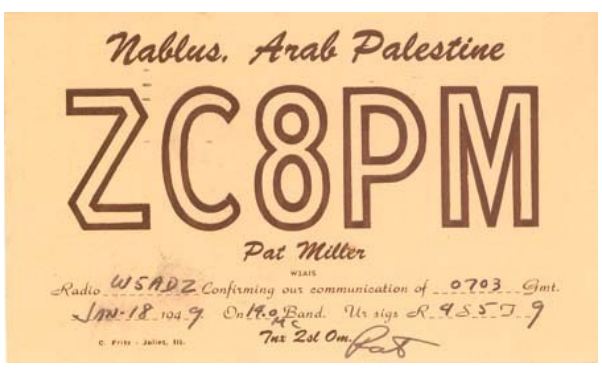
It is interesting that the British Protectorate of Palestine ended in 1947 and almost immediately it became Israel however the DXCC list indicates that the ZC6 prefix for Palestine ended in 1968. Here is a brief explanation: Callsigns until 1945 were split between ZC1 for Transjordan and ZC6 for Palestine, as part of Great Britain's scheme for overseas radio. All the stations belonged to members of the British Forces. Palestine counted as a separate DXCC country for contacts made until June 30, 1968, as the British still granted licenses mainly to their own nationals. After the creation of the State of Israel, UN Headquarters retained the use of the ZC6 prefix with station ZC6UNJ at the Jerusalem headquarters.

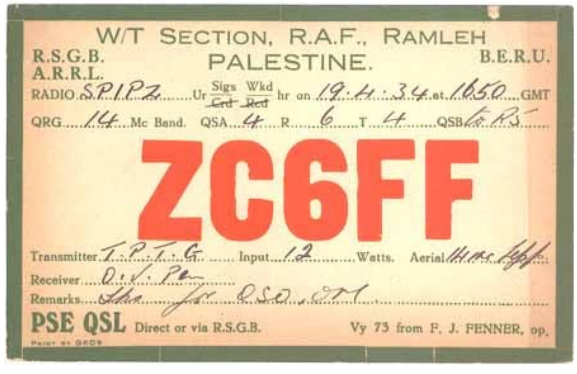












Better To Be DX Than Work DX?

Warren Myers D44ZZI / KN6ZZI

I have been told that to Be DX is better than to Work DX. As a newer DXer, I imagined a DXpedition would afford wondrous pileups, joyful camaraderie, exciting cultural experiences, etc…. And so, when I thought that I had gained sufficient operating skill and experience by DXing and contesting, I began to wonder where and how to activate a DX station. I listened to DXpedition reports at conferences and club meetings. And I spoke with many OMs, including some of you, to make a plan. One day, after an SSB QSO with 9X2AW - Harald (DF2WO), I thought to myself, why not try and tag along with an experienced DXpeditioner, rather than going it alone, at least the first time….

Harald and I spoke and agreed that my interest in activating a DX station, as well as my prior experience and interest in Africa would make for a good "Experiment". After some discussion, we agreed to conduct our experiment at Ponta Achada on Cabo Verde's Santiago Island. This village, while far from a resort, seemed to be a good stepping off point for me. It is a reasonably sought after DX entity, especially on the WARC bands, accessible by air, and offered the necessities via Harald's relationships with the people.

After agreeing the location, the planning began. A license to operate as D44ZZI was obtained, operating and equipment plans agreed and travel documents secured. Having travelled globally and managed complex programs during my career as a biopharmaceutical scientist, this part was easy and fun. Several principles guided my preparations:

1. Seek to create a better experience for the DX community as they sought to work me,
2. Invest in quality equipment that would serve well on this and future activities, and
3. Prepare for a secure & healthy experience, to maximize likelihood of another activity.

Keeping with these principles, I made decisions to invest in a StarLink mini (LiveStreaming, Discord, e-mail), establish a website/band plan, and notify DX community of changes in real-time, seek to deliver balanced opportunities by region/band/mode, etc….

Travel day arrived. And, even though I had travelled nearly two million miles over my career, I was nervous - would luggage be lost (I equipped checked cases with AirTags), would tight connections overseas be missed, etc…. My wonderfully supportive XYL drove me to LAX and helped me transport my copious luggage to check-in (I later learned how to stack large cases on not-so-large baggage trolleys). Harald - D44TWO, and I met as planned in the Lisbon Airport. And, after 40 hours traveling, I and my bags made it to Praia's Nelson Mandela International Airport. The adventure would now begin.

One of the things I love most about travel to international destinations is the first sensation of the place. So, waking up in Africa was a wonderful thing. In the case of Ponta Achada, the smell of local coffee, new bird sounds, crashing waves of a different ocean, cool trade-winds all impressed me. Everything was as I had hoped. Soon however, a few wrinkles revealed themselves.

Harald had, on the drive from the airport said, “Water is like Gold”. Perhaps this was an omen because, as I was preparing for a sponge bath, the faucet, fed by a cistern on the roof, ran dry. It seems that the house, unlike most, had a cistern. However, the owner was experiencing financial difficulties and had no money to fill it. So, I gladly agreed to pre-pay my rent so that water could be ordered. Further, as I was preparing my morning coffee, the woman of the house admonished me to only drink Trinidad water. Welcome back to the developing world.

Undeterred by having to wait a day or two for a shower, yet wishing we had showered in the Lisbon Airport, Harald and I set about assembling the radio stations. From the roof of our cinderblock building, Harald, Lucio (the home owner) and I planned where the HexBeam, 4el 6m Yagi, and dipole would be raised at 50-60 feet above ground. With a rough plan in mind, we invited Ronaldo and Eduardo, two teenage boys from the village to help. In a few hours we had raised and secured all antennas to the roof of the 20’ high home. And, amazingly, the antennas remained standing for the two weeks I was there, even in 20+ mph trade-winds! Soon after, we were on the air.

As we began radio activity, we hoped for the best with Harald frequently counseling “This is a Holiday Style”. And so, when we encountered several operating challenges, we were easily and quickly able to agree solutions to same:

1. Imagining multi-station, multi-mode interference problems, I had brought band-pass filters graciously loaned by the UC Santa Barbara Radio Club. We quickly realized however, that perhaps due to the close proximity of our antennas, the filters were unable to block interfering signals, even at barefoot power levels. We adapted easily and quickly by agreeing a two-hours on, two-hours off schedule (with wee hours open to whomever wanted to work those shifts).

2. An OM notified me via email that his QSO did not appear in the ClubLog LiveStream and log. Another observant OM suggested that these dropped QSOs appeared to be from my second WSJT-X Fox Hound stream. Because I was actively monitoring my QRZ.com associated email address, I was able to address the problem quickly by limiting FT-4/FT-8 to single stream operation.

3. A random event struck the second day of the activity when a neighbor’s kitchen fire burned through the electrical cable that supplied my radio room - the rest of our home’s electricity was unaffected. Apparently, there was some sort of bartering going on that lead to the peculiar arrangement. And, after explaining that our radio activity could not proceed without electricity, Lucio (the home owner), delivered same via extension cord from the extension.

Unexpected hiccups notwithstanding, radio operations went very well and were great fun. I quickly realized that Harald’s promise of immediate pile-ups was not exaggerated. It took one or two CQs, or even a call to rare DX station to be in the thick of it. I was well prepared with VOACAP charts and quickly settled into a rhythm of rest and, or refreshments after a shift, followed by planning the next shift’s operating strategy. And of course, Harald and I coordinated our activities to take advantage of propagational insights, HAM preferences/requests, etc…. My results were not bad, for a first timer: 3074 QSOs, 2360 unique callsigns, and a one third/two third split between SSB and digital modes.

A few of my notable experiences:

1. Charles - M0OXO has been a wonderful counselor and QSL manager. I liaised with him by email well before the activity and continued through to final log submission. One of the most important comments he made was, D4 is not really rare and has been activated frequently by contesters in recent years. From this, I decided to focus on WARC bands, especially SSB and FT4. This proved to be a good plan as I received much feedback that the activity enabled filling new slots.

2. Working from California as KN6ZZI, I have often wished for rare DX stations to give preference to W6, in some way. One of the tactics I most appreciate is when a DX station works NA “By the numbers”. And so, as I experienced louder, more persistent pileups than I ever imagined, especially from EU, I decided to try working “By the country”. Amazingly, it worked! Even the persistent Italians and Spaniards quickly embraced the method. One even wrote me an email saying that they had a great time and appreciated my “unconventional” style. Of course, I recognized that working simplex is hard for weaker signal stations and so, I generally worked Split.

3. Perhaps the most important experience developmentally was working difficult locations including VK/ZL, JA/BA and W6/W7. The challenge was that EU & NA would dominate unless I controlled the pileup, often even during times when the VOACAP charts did not predict action from those regions. I learned that it is important to call CQ regionally or even by country, and then persistently screen callers accordingly. Usually, callers would realize this and allow space for the weaker signals from the more challenging regions. And, once spots for those regions dominated the cluster, target productivity increased.

Things in D4land were going pretty well, until the bedbugs took over my bed/radio room. It seems that the teenage boy who ordinarily occupied the room was not well acquainted with or at least diligent in cleaning his room, Hi! And so, after my arms & legs below hemline were covered in itching red bumps, I brought my background in entomology and medicine to bear. My initial attempts were unsuccessful, however (the house had no vacuum cleaner nor hot water and the fumigation spray was ineffective). And so, after several days of suffering and worsening symptoms, I had a conversation with Lucio, through a translate App - I do not speak Creole and he does not speak English and only a little Portuguese. The translate app, which required internet (thanks StarLink!), was a life saver. I convinced Lucio that I must have a new mattress. So, we drove to Praia, and hour away and the closest place to purchase such things. Upon returning home, I boiled water on the stove, an hour-long process as the 5-gallon propane tank was nearly empty, swabbed the floors and furniture, and placed the new mattress in the room.

By now, ten days had passed since my arrival in Cabo Verde. And I realized that, having accomplished my objectives for the DX activity, and still plagued by bedbugs, it was time to think about an early departure. I booked flights via internet (no cell phone service - glad I had StarLink). My outlook changed. I continued operating radio, not missing a shift and loving every minute of it. I also took the time to visit some neighboring villages and took in the views from the volcanic mountain peaks that make up all Cabo Verde islands. One of my favorite experiences from these travels was a visit to a sort-of “Speakeasy”, Grogu distillery. Grogu, the official alcoholic drink of Cabo Verde, is made from fermented & distilled sugar cane extract. The distillery I visited was run by the brother of the woman that cooked for me. And, not only did he have a really neat still, he had a pet Macaque, which delighted in me because I fed it sugar cane sticks!

Back to the question I posed initially - Is it better to be DX than work DX? I can say that for me, at this point in my HAM journey, it was invaluable to be DX. My reasons are:

1. I have a big appetite for learning. And, being DX afforded the opportunity to learn in many domains, in an immersive environment. Thus, I was energized and, my DX operating skills improved considerably as a result.

2. I gained perspective while being DX that I now apply to work DX more effectively. Specifically, I learned some of the tactics used by DX operators managing pileups and bandwidth. This perspective has proven valuable to me already, eg; I anticipated frequency changes as a DX operator moved from a standard FT-8 frequency to an alternate frequency to make room for others on the standard frequency. As a result, while I was one of many callers at first, I was the second caller to complete a QSO after the band change.

3. I love people. It is one of the reasons I love amateur radio. As I work DX from my home QTH, I often wonder what is that person like and what is their city/country like. So, spending a bit of time in Cabo Verde satisfied my curiosity of people and culture. And, I can honestly say, Cabo Verdeans are some of the happiest, most care free people I have met anywhere - even though, perhaps maybe because, they possess nearly nothing.

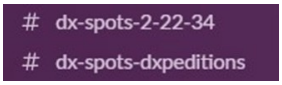
Whether or not Cabo Verde was the best choice for a first DX activity location, I had a wonderful experience. And, I look forward to doing it again, hopefully from a place that offers the occasional shower, fewer bedbugs, and, if I'm really lucky, boat drinks!

73s de D44ZZI
Warren

Migrating from Discord to Slack

Bill Shell, N6WS

For those migrating from the GUNs Discord server to the NCDXC Slack server, you will notice most of the services will look somewhat similar. In this short article, I will cover some of the changes you will notice in the different methods to accomplish your DXing goals, and some service features no longer provided.



For general DX spots and DXPedition spots, everything should look the same. I have modified the robot process tasks connected to the DX Spotting Network to feed filtered DX spots to two of the channels on the NCDXC Slack server. The text channel # dx-spots-dxpeditions contains spots from local users and the nearer RBN sources for ongoing DXPeditions. The robot process for spotting of stations in CQ Zones 2, 22, & 34, is feeding spots from local spotters and RBN sources into the Slack text channel # dx-spots-2-22-34. The only service missing from Discord on these channels is the ability to turn on text-voice announcements for the DX spots

I have also added the WWV and WCY announcements from the DX Spotting Network on the # news-space-weather text channel. For those not familiar with WCY, information can be found at: http://dk0wcy.de/magnetogram/help_en.html

Those operators that had Discord channels setup for voice announcements of DX entities and/or Zones on your individual needs list, that service is not available on Slack. Many logging programs can set to perform this or similar functions.

If you do not see the text channels mentioned in this article, click on # Add channels at the bottom of the text channels list. This will open a list of all channels available to you. You can then select the channels you want to see.

In Slack, there is a lack of voice or intercom channels. When using Slack, you can establish a “Huddle” on the fly to have a voice conversation. I haven’t noticed anyone setting up a huddle, but after some practice by the users of Slack, we might see huddles to start conversations or call out QSX frequencies for DX stations, similar to how we used the Discord voice channel.

The posting and voice announcements of DX Spots posted to chat@ncdxc.org is not available on Slack. I found this service helpful in Discord, since I typically didn’t keep checking my emails throughout the day. The voice announcement of the who sent the email and the subject line with was helpful early notification of chasing DX.

How to Listen to the NCDXC Repeater on Slack

Bill Shell, N6WS

How to Listen to NCDXC Repeater on Slack

We have added the audio from the NCDXC repeater, W6TI, on a the #ncdxc-repeater-w6ti channel of Slack. To hear the audio feed you must enter that text channel, and join the voice 'huddle'. To join the huddle, you must click on the pull-down menu in the upper right of the Slack window, and select Join Huddle.

Once you are in the huddle, another box will open in the lower right of the Slack application. This box allows you to mute your microphone or leave the huddle.

Having your Slack application open to #ncdxc-repeater-w6ti is not necessary. To avoid leaving the #ncdxc-repeater-w6ti open you can simply hold your ctrl key down while you left-click on #ncdxc-repeater-w6ti. This will open a smaller window for the repeater channel. Then after joining the huddle to hear the repeater, you can minimize that window.

Who is Putting a Tower?

For Sale (N6WS)

Here are a few items I am selling. If you are interested, I am available at N6WS@arrl.org.

Icom IC-7300 HF-6m Transceiver – 100W
New in sealed box. Includes all items shipped as new. Asking 1,000 plus shipping.

Yaesu FTDX-101MP HF-6m Transceiver – 200W
This is an all mode transceiver for HF-6m. The transceiver is in very good shape. From a non-smoking environment. Asking $3,700.00 plus shipping.

Yaesu SCU-LAN10 Network Remote Control
Ideal network remote control for Yaesu radios. I have been using this SCU-LAN10 to operate my FTDX-10 remotely. Asking $250 plus shipping.

Icom SP-38 Speaker
ICOM Base Station Speakers SP-38, External Speaker, Base Station Type, IC-7300, IC-9700 Companion, 8 ohms, 5.9 ft. Cord Length, 1/8 in. Male Plug, From non-smoking environment. Asking $125 plus shipping.

Gemini 2-500 2m Amplifier
This is an all mode amplifier for 2m. The amplifier is in very good shape. It has had very little use. From a non-smoking environment. Sells new for $1580 plus shipping from England. Asking $1,100 plus shipping.

-The Gemini Description
The Gemini 2-500 is an updated version of our popular Gemini 2 300W unit. We have changed the LDMOS to a ART700FH, redesigned the RF and filter section and updated the power supply. The result is an amplifier that will put out >500W CW with a P1dB of 480W. It still has the same built in protection for overdrive, High SWR and Over Temperature ensuring solid reliable performance at high outputs for long periods. Best of all, by optimizing the RF efficiency we have been able to build the Gemini 2-500 into exactly the same outer chassis as the rest of the 300W range. The 144MHz Gemini 2-500 incorporates the same, sequenced, front panel switchable 13.8v preamplifier supply on receive. This can be selected by the operator to be either an output voltage on the rear panel or a bias tee feed to a masthead preamp as required. The Gemini 2-500 is a complete turnkey solution incorporating a 50V linear power supply so no external PSU is required. Many Specs: Linear Amp Gemini 2-500 – 144MHz 500W Solid State Linear Amplifier

- Solid state 144MHz 500W Linear Amplifier
- 500W output - Ampleon ART700FH LDMOS
- Integral 50V Linear Power supply
- Drive requirements 10W - Operates from 120VAC
- Cooling for data mode operation
- Full protection for overdrive/VSWR/temperature
- Switchable preamp output voltage on RX with bias tee option
- N Type connectors on input and output
- All aluminum chassis
- Compact dimensions
– just 270w x 300d x 120h mm (11-1/4w x 12-1/2d x 5h inches)
- Weight 11Kg (24.2 lbs)

MFJ MFJ-259 Antenna Analyzer
HF/VHF SWR ANALYZER 1.8-170 MHz. Asking $125.00 plus shipping.

Heil HM-12 Microphone
with Icom cable. Asking $50.00 plus shipping

Heil ICM-BG Microphone
Heil microphone for Icom transceivers. Asking $85.00 plus shipping

JetStream JTPS-50A 13.8VDC 50A Power Supply
Asking $100.00 plus shipping.

I also have **two EAntenna 16-element LFA yagis for 2m**. They were assembled, then put up for about 3 days, and then stored in my barn. They are like new, except for the dust. I am asking $300 each for these antennas, or $500 for the pair. With these antennas, you are ready for EME.

Resource Page

Useful Sites

N0HR DXpedition Map
www.n0hr.com/wk34/

The DX Zone
www.dxzone.com/catalog/DX_Resources/

The Daily DX
www.dailydx.com/

Announced DX Ops
www.ng3k.com/misc/adxo.html

DXing.info
/www.dxing.info/dxpeditions/

DX 425 News
www.425dxn.org/dxped/

DX Italia DX News
www.marioi2mgp.it

DH9SB Weekly DX Calendar
http://www.dx-info.de

Southern California Contest Club
http://www.socalcontestclub.org/

Sixth District QSL Bureau
www.QSLBureau.org

Propagation

It appears that there was a peak in August. All indications is that the second solar magnetic pole has flipped. This means we already had a double peak. It was just masked by the fact that the two poles flipped almost together hence the big peak. Get ready for the slide to the minima! We seem to be going fast!

Strongest Cycle Ever? Biggest Cycle?

Understanding Indices - K9LA

What to Expect During the Rising Years of Solar Cycle 25 - YouTube

The Termination Event | Space-weather.com

ARRL VE Exam Sessions

To find an ARRL exam sessions in your area go to the website:

http://www.arrl.org/find-an-amateur-radio-license-exam-session

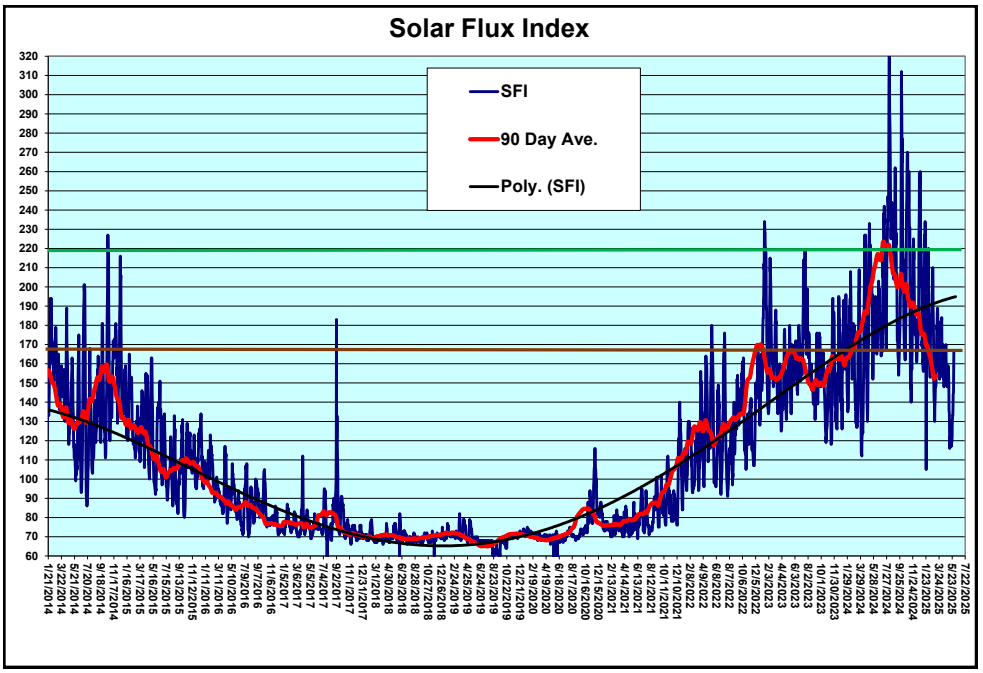
Club and Conduct Sites

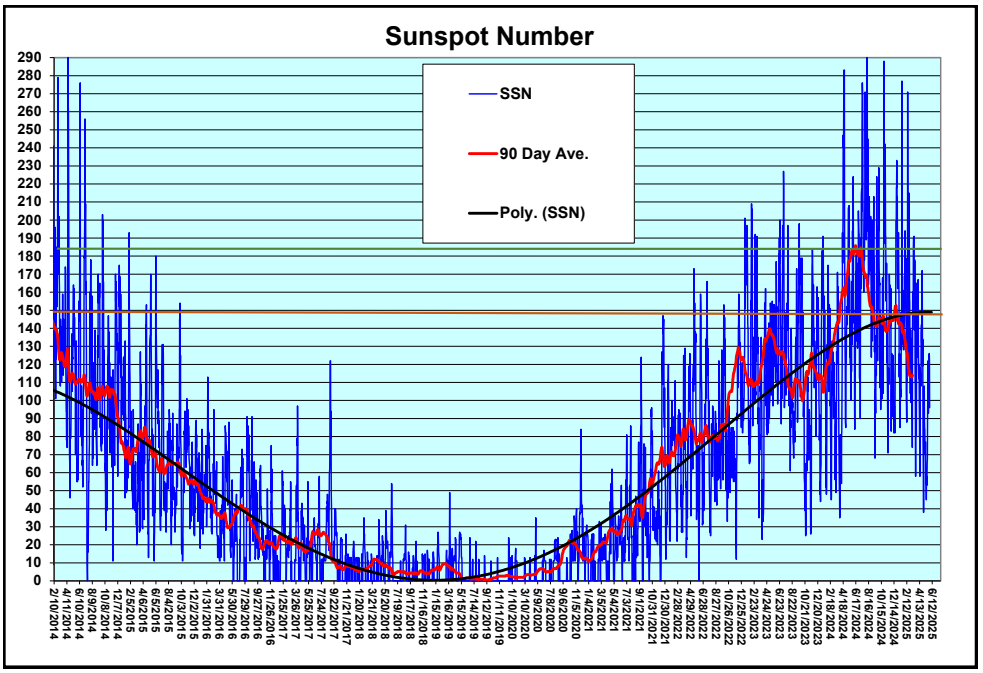
Officer Guidelines

http://www.scdxc.org/download/Officer_Guidelines.pdf

DX Code of Conduct

http://www.dx-code.org/





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